



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|  |            |   |                     |
|--|------------|---|---------------------|
| I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit. |            |   |                     |
| Date of Deposit:   | 05/18/2005 | Name of Person Making the Deposit:          | Kristel Lang        |
|  |            | Signature of the Person Making the Deposit: | <i>Kristel Lang</i> |

In re Application of: Wang et al.

Application No.: 09/955,278

Examiner: Meek, J.

Filed: 09/11/2001

Art Unit: 2637

Confirmation No.: 8686

For: METHOD AND APPARATUS FOR IMPROVED HIGH-SPEED ADAPTIVE EQUALIZATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT TRANSMITTAL**

1. Transmitted herewith is an amendment for this application

☒ Transmitted herewith is a response to an office action for the above identified patent application.  
( 23 sheets)  
☒ Transmitted herewith are 12 sheets of replacement formal drawings.  
Other:

2. Applicant is other than a small entity

**Extension of Term**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

| <u>Extension</u>                      | <u>Fee</u> |
|---------------------------------------|------------|
| <input type="checkbox"/> one month    | \$120.00   |
| <input type="checkbox"/> two months   | \$450.00   |
| <input type="checkbox"/> three months | \$1,020.00 |
| <input type="checkbox"/> four months  | \$1,590.00 |

**Fee \$** \_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

(b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

**Fee Calculation**

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

| <b>(for other than a small entity)</b>                                    |  |   |                         |            |               |
|---|--|---|-------------------------|------------|---------------|
| Fee Items   | Claims<br>Remaining After<br>Amendment | Highest Number<br>of Claims<br>Previously Paid<br>For | Present<br>Extra Claims | Fee Rate   | Total         |
| Total Claims  | 67                                     | - 67 =  | 0                       | x \$50.00  | \$0.00        |
| Independent Claims  | 3                                      | - 3 =   | 0                       | x \$200.00 | \$0.00        |
| Multiple Dependent Claim Fee (one or more, first added by this amendment) |  |   |                         | \$360.00   | \$0.00        |
| <b>Total Fees</b>   |  |   |                         |            | <b>\$0.00</b> |

**PAYMENT OF FEES**

5. The full fee due in connection with this communication is provided as follows:
- ☒ [ X ] The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.  
A duplicate copy of this authorization is enclosed.
- ☐ [ ] A check in the amount of \$
- ☐ [ ] Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO LLP**  
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Respectfully submitted,

Date: 5/18/05

By: William A. Zarbis  
William A. Zarbis  
Reg. No. 46,120



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Wang et al.

Serial No.: 09/955,278

Filed: September 11, 2001

For: METHOD AND APPARATUS  
FOR IMPROVED HIGH-  
SPEED ADAPTIVE  
EQUALIZATION

Examiner: MEEK, J.

Art Unit: 2637

Confirmation No.: 8686

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO AN OFFICE ACTION

Dear Sir:

In response to the Office Action mailed February 18, 2005, please consider the following remarks and enter the following amendments.

Amendments to the claims are presented beginning on page 2 of this response. Remarks begin on page 16 of this response.

BBNT-T020/JPW/WAZ  
Serial No.: 09/955,278

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Art Unit: 2637  
Examiner: MEEK, J.